

FACT SHEET AND STATEMENT OF BASIS
CARGILL SALT
UTAH POLLUTION DISCHARGE ELIMINATION SYSTEM
PERMIT NO. UT0000639
Minor Industrial Facility

FACILITY CONTACT:

Responsible Official: Joe Recor,
EHS Professional
15100 West Rowley Road
Grantsville, Utah 84029
Phone: (435) 884-4154

DESCRIPTION OF FACILITY:

Cargill Salt (Cargill) draws water from the Great Salt Lake, and by the process of evaporation, separates out the salt. Cargill Salt does not have the ability to discharge bitterns directly back to the Great Salt Lake, and all bitterns are currently sent to the Magnesium Corporation of America (MagCorp) for further processing. Cargill has not discharged bitterns directly to the Great Salt Lake since operations began at the Timpie location.

DESCRIPTION OF DISCHARGE:

There is one outfall from the facility. Outfall 002 is located at approximate latitude N 40° 46.963' and longitude W 112° 38.093'. This outfall discharges to a ditch which conveys water to the Magnesium Corporation of America for 100% consumptive use by that facility. Neither Cargill Salt nor Magnesium Corporation of America has the ability to discharge to the Great Salt Lake. As stated above Cargill Salt has not discharged bitterns directly to the Great Salt Lake since operations began at this location.

DESCRIPTION OF MODIFICATION:

This permit is being modified to eliminate the flow monitoring requirement for the facility when the facility is sending bitterns to Magnesium Corporation of America (MagCorp). There are no flow limitations in the effluent guideline limitations for the facility as found in 40 C.F.R. § 415.160 Subpart P and 436.120 Subpart L.

SUMMARY OF EFFLUENT LIMITATIONS:

Parameter	Effluent Limitations			
	Maximum Monthly Average	Maximum Weekly Average	Daily Minimum	Daily Maximum
Oil & Grease, mg/L	NA	NA	NA	10.0
pH, Standard Units	NA	NA	6.5	9.0

NA – Not Applicable

Self-Monitoring and Reporting Requirements <i>a/ b/ c/</i>			
Parameter	Frequency	Sample Type	Units
Total Flow <i>d/ e/ f/</i>	Monthly	Measured	MGD
Oil & Grease <i>g/</i>	Monthly	Visual/Grab	mg/L
pH	Monthly	Grab	SU

- a/* This discharge shall contain only materials originally present in the Great Salt Lake waters or other intake waters. The permittee shall add nothing to the effluent prior to discharging.
- b/* There shall be no visible sheen or floating solids or visible foam in other than trace amounts.
- c/* There shall be no discharge of sanitary wastes.
- d/* Flow measurements shall be made in such a manner that the permittee can affirmatively demonstrate that representative values are being obtained.
- e/* If the rate of discharge is controlled, the rate and duration of discharge shall be reported.
- f/* Flow monitoring will be required if the facility discharges directly to the Great Salt Lake.
- g/* A sample for oil & grease shall be taken if a visual sheen is observed. If a sample is taken because a sheen is observed, it shall not exceed a daily maximum concentration of 10 mg/L.

PERMIT DURATION:

It is recommended that this permit be effective until it's original expiration date of December 31, 2014.

Drafted by Lonnie Shull
Environmental Scientist
Utah Division of Water Quality
March 30, 2010